METHOD AND APPARATUS FOR A DISTRIBUTABLE ENVOII OBJECT Michael Tolson Filed 08-May-01

LOJAQ Attorney Docket No: 507.000110US; SJL Tel. No. 510-337-7871

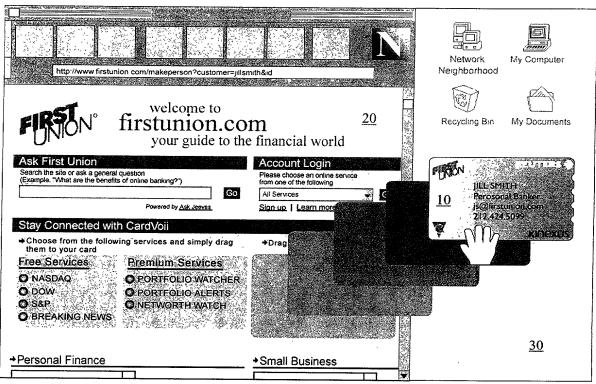


FIG. 1

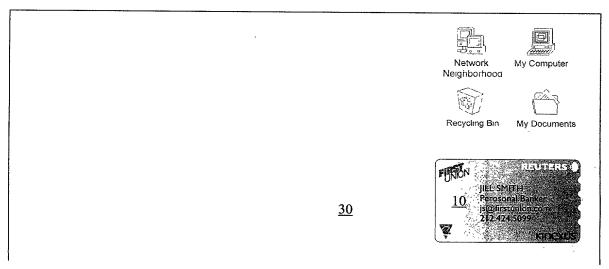


FIG. 2

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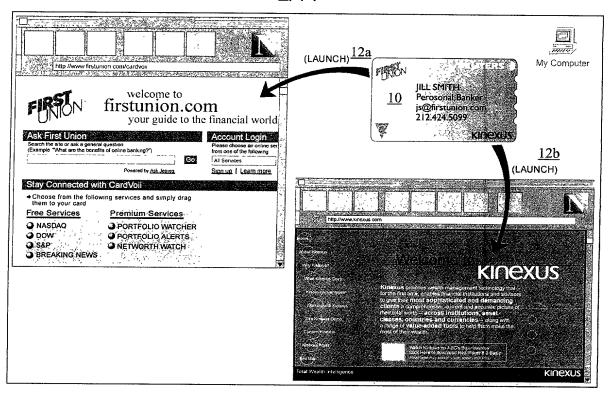


FIG. 3

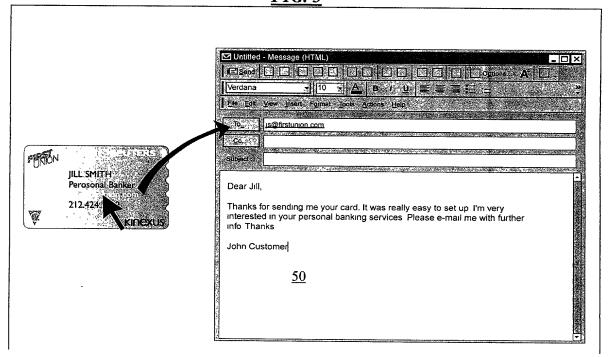


FIG. 4

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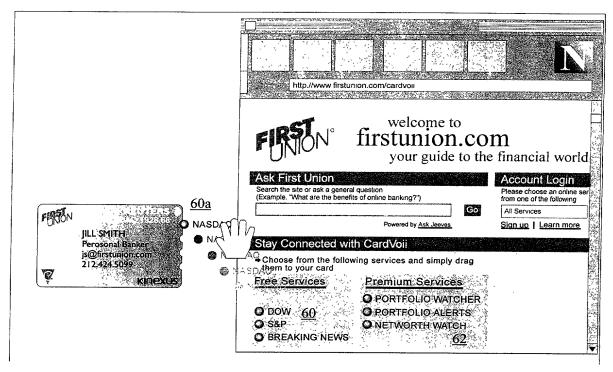


FIG. 5

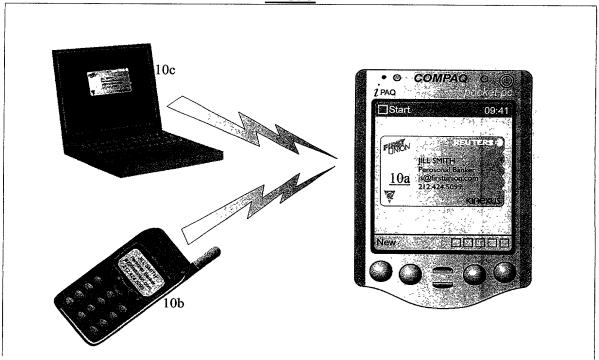
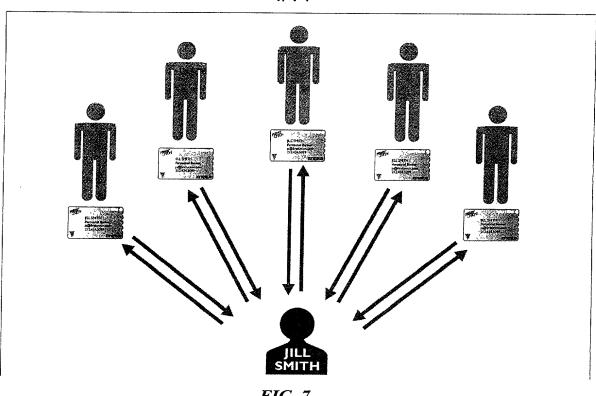


FIG. 6



<u>FIG. 7</u>

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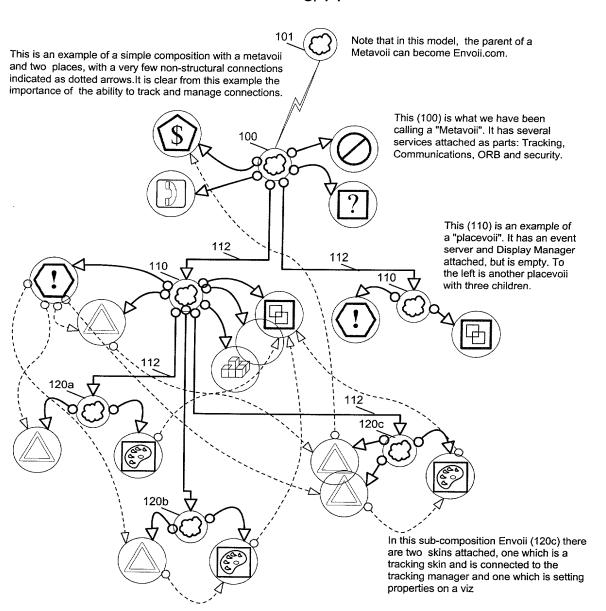


FIG. 8

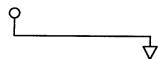
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These are Envoiis (or "Enodes"). As an instance of a class, it provides generic graph interface. The connection points are representative of open set of "ports" which enable connections to other enodes.



This is a "Kid" connection, which is a specialization of a "Part" connection. It is the primary glue which is used by designers in building compositions. It effectively help \sum primary glue which is used by designers in building of implement a tree-hierarchy as in the current system.



This is a "Part" connection. Part connectiions are structural, and enforce a part/part-c protocol.



This is a representative dynamic connection. Some such connections may be transient, and others not.



This is a "skin", and it bears a part-of relationship to an envoy.



This is a "Viz" and it bears a part-of relationship to an envoy.



This is a "DisplayManager". It is a part of an envoy which provides a rendering service.



This is an "Event Service".

FIG. 9

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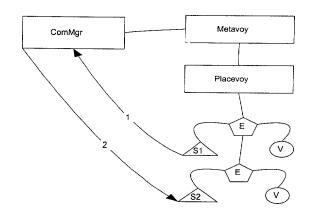


FIG. 10

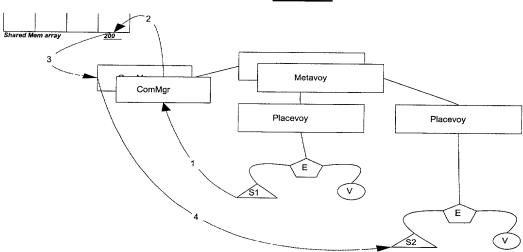
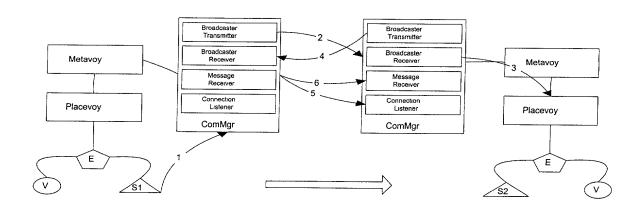


FIG. 11

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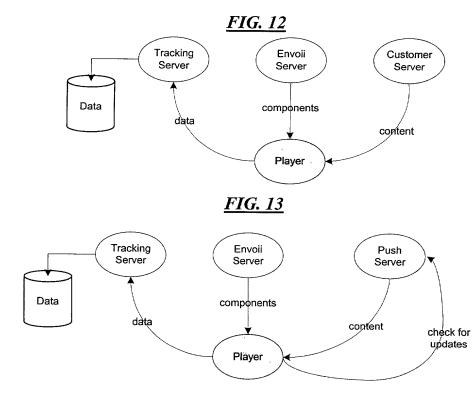
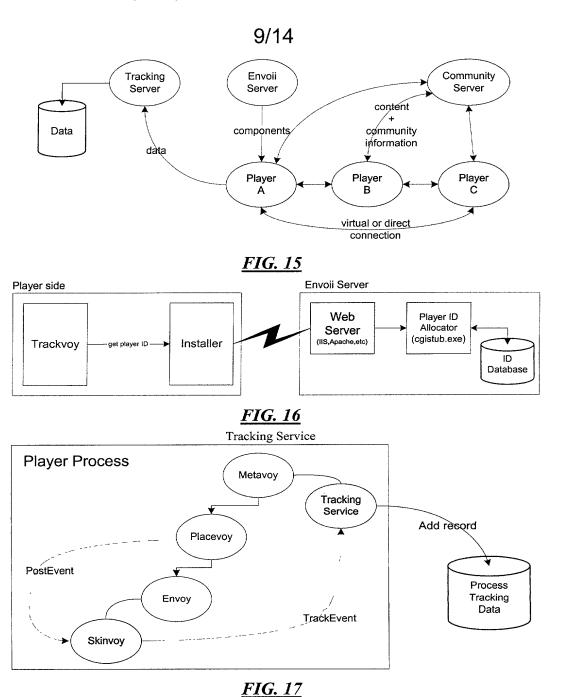


FIG. 14

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Tracking Manager Bootapp 1 .rdy .raw Web HTTP Collector Server Link (IIS,Apache,etc) Bootapp 2 .raw .rdy Plugin .rdy RT RT Database Database (.ok) (.pkt) Bootdesk

FIG. 18

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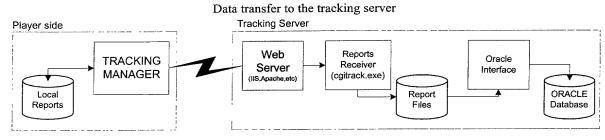


FIG. 19

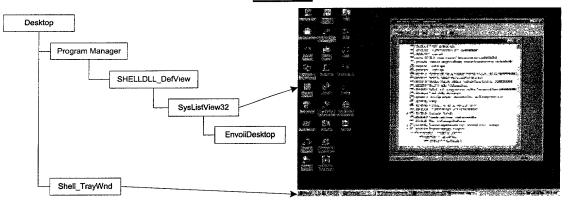


FIG. 20

repaint the desktop (will fix all drawing problems)

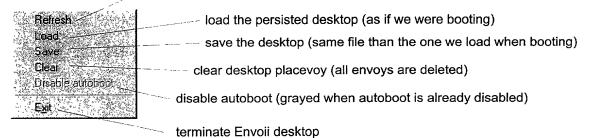


FIG. 21

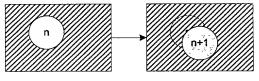


FIG. 22

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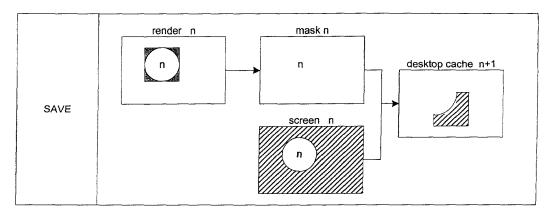


FIG. 23

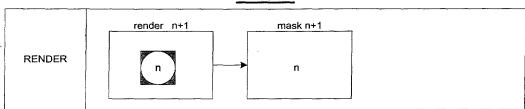


FIG. 24

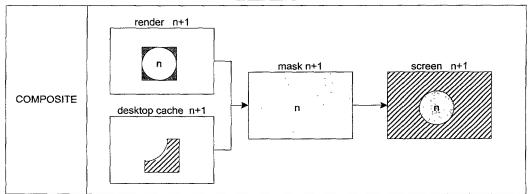


FIG. 25

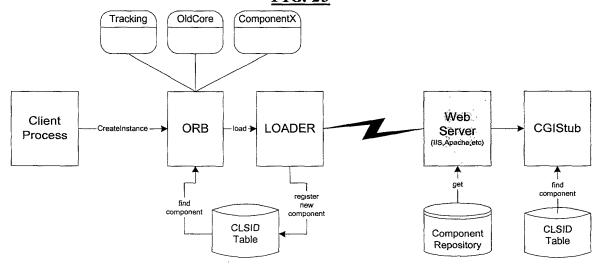
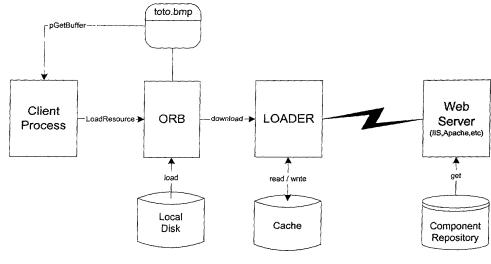


FIG. 26

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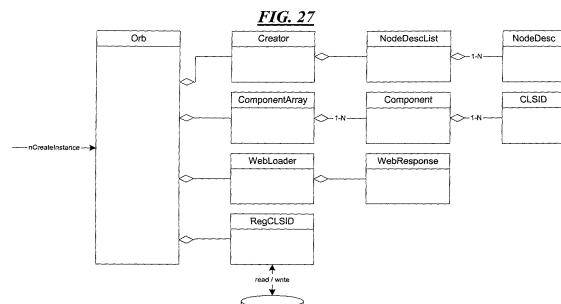


FIG. 28

Component Repository

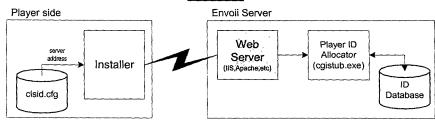


FIG. 29

* 1 ×

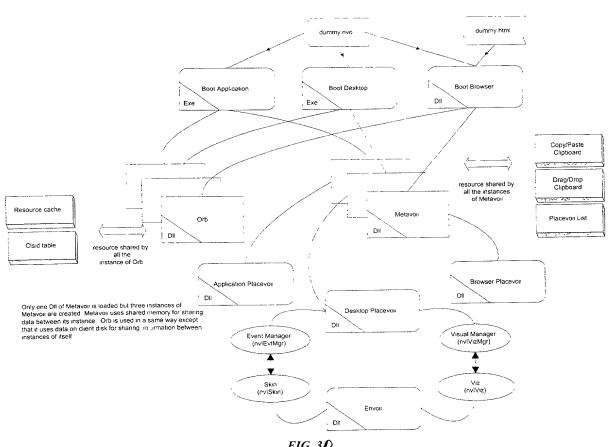


FIG. 3**Q**

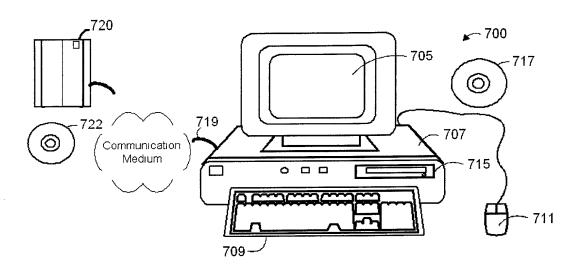


FIG. 31